

EDGE RESOLVED DUAL SCINTILLATOR GAMMA RAY DETECTION SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

A detector includes a first position sensitive radiation detector having a first radiation sensitive area and a second radiation insensitive area. The detector further includes a first scintillator having a first decay time, located adjacent to the first radiation sensitive area and a second scintillator having a second decay time different than the first decay time, located adjacent to the second radiation insensitive area and being optically coupled to the first scintillator.